

## **ABSTRACT**

A process for making a composite profile may take advantage of the properties of two different materials, such as their strength, holding properties, ability to be readily coated or processed, and cost. In a preferred embodiment, 5 the process makes use of a crush rib to ensure that the parts are flush with each other. In another preferred embodiment, the process makes use of a gap between the insert and the core, filling the gap with a coating.